Charles Stewart Hadfield

GENERAL

Nationality: New Zealander (birth)

French (naturalisation)

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`hadfield@math.berkeley.edu`

Date of Birth: June 1991

EMPLOYMENT

University of California, Berkeley 2017 - present

Charles B. Morrey, Jr. Assistant Professor

EDUCATION

École normale supérieure, Paris 2014 - 2017

Doctorate: Structures de Clifford paires et résonances quantiques

Supervisors: Colin Guillarmou, Andrei Moroianu

Université Pierre et Marie Curie, Paris 2013 - 2014

Master 2 Pure Mathematics

The University of Auckland 2010 - 2013

Honours in Mathematics, July 2012 - June 2013

BSc majoring in Mathematics and Physics, 2010 - June 2012

Christ's College, Canterbury 2005 - 2009

SCHOLARSHIPS AND PRIZES

Finalist for Rhodes Scholarship 2014 (one of seven New Zealand candidates)

Paris Graduate School of Mathematical Sciences International Scholarship, 2013 - 2014

Collins Prize in Mathematics (top student in Honours), 2013

The University of Auckland Honours Scholarship, 2012, 2013

The University of Auckland Scholarship, 2010 - 2012

Wacher Prize for Academic Head of School, Christ's College, 2009

HM Chrystall Prize for All-round Merit in Sport & Scholarship, Christ's College, 2009

First Prize in New Zealand Junior Mathematics Competition, 2006

LANGUAGES

English (native), French (fluent), Spanish (basics), Japanese (rusty)

SPORT

2013 - 2017	Elite Level C.A.Montrouge Hockey, Paris
2010 - 2013	Premier Level Somerville Hockey Club, Auckland
2010 - 2012	Auckland and New Zealand Hockey Umpire
2002 - 2009	Canterbury Hockey Representative and Umpire
2006 - 2009	Christ's College Hockey and Cricket 1ˢᵗ XIs

PUBLICATIONS   *Ruelle and quantum resonances for open hyperbolic manifolds*
arXiv:1708.01200, submitted

Local geometry of even Clifford structures on conformal manifolds
arXiv:1611.01665, submitted, with A. Moroianu

Resonances for symmetric tensors on asymptotically hyperbolic spaces
arXiv:1609.06527, Anal. PDE

Twistor spaces of Riemannian manifolds with even Clifford structures
arXiv:1602.04159, Ann. Glob. Anal. Geom, with G. Arizmendi

TEACHING   Honours Introduction to Complex Analysis
Spring 2018, 3rd year undergraduate, UC Berkeley

Introduction to Analysis
Spring 2018, 3rd year undergraduate, UC Berkeley

Introduction to Abstract Algebra
Fall 2017, 3rd year undergraduate, UC Berkeley

Introduction to Differential Geometry
Spring 2015, 3rd year undergraduate, Université Paris-Dauphine